ABSTRACT OF THE DISCLOSURE

A toolhead intended for a multi-axis machine tool incorporates a tool-holder rotatable about the tool axis and attached to the spindle of a spindlehead, also a stop cage element mounted slidably to the tool-holder, which is furnished with a collar presenting an active surface set transversely to the tool axis and offered to the surface of a workpiece. The stop cage element alternates between a first operating position in which the active surface of the collar is located forward of a countersink portion presented by the tool, considered in relation to the feed direction of the spindlehead as it approaches the surface of the work, and a second operating position in which the countersink portion will be located forward of the active surface, at least in part. The axial position of the stop cage element relative to the tool-holder is monitored continuously by a sensing system.

Figure 3